

## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 (703) 746-4000

or Fax

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

32940 7590 05/05/2005

DORSEY & WHITNEY LLP  
 INTELLECTUAL PROPERTY DEPARTMENT  
~~4 EMBARCADERO CENTER~~ 555 California Street  
 SUITE 3400, 1000  
 SAN FRANCISCO, CA 94111 94104-1513

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

Kari Bateman (Depositor's name)  
*Kari Bateman* (Signature)  
 July 13, 2005 (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/686,898	10/15/2003	Yoshihide Senzaki	A-717311/MSS	7540

TITLE OF INVENTION: TWO-STEP ATOMIC LAYER DEPOSITION OF COPPER LAYERS

07/18/2005 RHEBRAH1 00000044 10686898

01 FC:1501  
 02 FC:1504  
 03 FC:8001

1400.00 OP  
 300.00 OP  
 9.00 OP

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES NO	\$700 1400	\$300	\$1400 1700	08/05/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
CHEN, BRET P	1762	427-250000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 DORSEY &amp; WHITNEY LLP

2

3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE  
 AVIZA TECHNOLOGY, INC.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)  
 SCOTTS VALLEY, CALIFORNIA

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee  
☒ Publication Fee (No small entity discount permitted)  
☒ Advance Order - # of Copies 3

4b. Payment of Fee(s):

- ☒ A check in the amount of the fee(s) is enclosed.  
☐ Payment by credit card. Form PTO-2038 is attached.  
☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 30-2319 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☒ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

*Maria S. Swiatek*

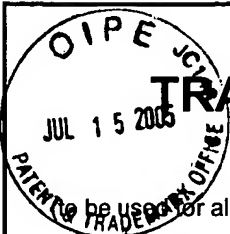
Date July 13, 2005

Typed or printed name Maria S. Swiatek

Registration No. 37,244

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

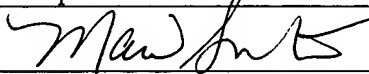
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

 <b>TRANSMITTAL FORM</b> to be used for all correspondence after initial filing)	Application No.	10/686,898	
	Filing Date	October 15, 2003	
	First Named Inventor	Yoshihide SENZAKI	
	Examiner Name	CHEN, BRET P	
	Group Art Unit	1762	
Total Number of Pages in This Submission	3	Attorney Docket No.	A-71731/MSS (463035-861)

**ENCLOSURES** (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment (for patent Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, No. of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):  Check No. 303211 in the amount of \$1709 (\$1400 for Issue Fee at Large Entity rate, \$300 Publication Fee; \$9 for advance copies), and a self-addressed stamped return postcard.
Remarks _____		

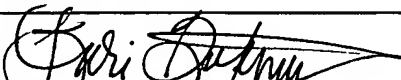
**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	Maria S. Swiatek, Esq., Reg. No. 37,244 DORSEY & WHITNEY LLP 555 California Street, Suite 1000 San Francisco, CA 94104-1513 Telephone : 650 494 8700	Customer Number 32940
Signature		
Date	July 13, 2005	

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date:

7/13/05

Typed or printed name	Kari Bateman		
Signature		Date	July 13, 2005

Effective on 12/08/04

# **FEE TRANSMITTAL SHEET** (FY 2005)


☐ Applicant claims small entity status (see 37 C.F.R. 1.27)

## **Complete if Known**

Application No.	10/686,898
Filing Date	October 15, 2003
First Inventor	Yoshihide SENZAKI
Group Art Unit	1762
Examiner Name	CHEN, BRET P
Atty. Docket Number	A-71731/MSS (463035-861)

## **METHOD OF PAYMENT (Check One)**

☒ Check      ☐ Credit Card      ☐ Money Order

☒ Deposit Account No.: 50-2319

Deposit Account Name: DORSEY &amp; WHITNEY LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge any additional fees or underpayments of fee(s) under 37 C.F.R. 1.16 and 1.17

☒ Credit any overpayments

☐ Other (please identify):

## **Extra Claim Fees**

Current Claims	Prior	Extra	Fee	Fee Paid
Total	20	=	x \$	= \$
Ind.	3	=	x \$	= \$
Multiple Dependent Claims		=	x \$	= \$
<b>Subtotal (Extra Claims)</b>				<b>\$</b>

## **Petition Fee Under 37 CFR 1.17(f), (g), & (h)**

Enclosed is a Petition filed under 37 CFR as indicated below:

☒ Petition Fee under 37 CFR 1.17(f) **Fee \$400**

§ 1.53(e) to accord a filing date.  
 § 1.57(a) to accord a filing date.  
 § 1.182 for decision on a question not provided for.  
 § 1.183 to suspend the rules.  
 § 1.378(e) for reconsideration of decision on petition refusing delayed payment of maintenance fee in expired patent.  
 § 1.174(b) to accord a filing date to an application under § 1.740 for extension of patent term.

☒ Petition Fee under 37 CFR 1.17(g) **Fee \$200**

§ 1.12 for access to an assignment record.  
 § 1.14 for access to an application.  
 § 1.47 for filing by other than all inventors or person not the inventor.  
 § 1.59 for expungement of information.  
 § 1.103(a) to suspend action in an application.  
 § 1.136(b) for review of a request for ext. of time when § 1.136(a) not avail.  
 § 1.295 for review of refusal to publish a statutory invention registration.  
 § 1.296 to withdraw a req. for pub. after notice of intent to publish issued.  
 § 1.377 for review of decision refusing to accept a maintenance fee filed prior to expiration of a patent.  
 § 1.550(c) for request for ext. of time in *ex parte* reexam. proceedings.  
 § 1.956 for request for ext. of time in *ex parte* reexam. proceedings.  
 § 5.12 for expedited handling of foreign filing license.  
 § 5.15 for changing the scope of a license.  
 § 1.5.25 for retroactive license.

☒ Petition Fee under 37 CFR 1.17(h) **Fee \$130**

§ 1.19(g) to request documents in a form other than provided in this part.  
 § 1.84 for accepting color drawings or photographs.  
 § 1.91 for entry of a model or exhibit.  
 § 1.102(d) to make an application special.  
 § 1.138(c) to expressly abandon an application to avoid publication.  
 § 1.313 to withdraw an application from issue.  
 § 1.314 to defer issuance of a patent.

## **FEE CALCULATION (Continued)**

### **3. ADDITIONAL FEES**

Large Entity Fee	Small Entity Fee	Fee Description	Fee paid
50	25	Surcharge - late provisional filing fee or cover sheet	
130	65	Surcharge - Late nonprovisional filing fee or oath	
180	180	Submission of IDS	
40	40	Recording each patent assignment per property (times number of properties)	
120	60	Extension for reply within first month	
450	225	Extension for reply within second month	
1,020	510	Extension for reply within third month	
1,590	795	Extension for reply within fourth month	
2,160	1,080	Extension for reply within fifth month	
790	395	Submission After Final 1.129	
500	250	Notice of Appeal	
500	250	Filing a brief in support of an appeal	
1,000	500	Request for oral hearing	
110	55	Terminal Disclaimer Fee	
800	400	Design Issue Fee	
1400	700	Issue Fee	1400.00
790	395	Request for Continued Examination (RCE)	
130		Request for voluntary publication or republication	300.00
500	250	Petition to Revive - unavoidable	
1,500	750	Petition to Revive - unintentional	
200		Filing for patent term adjustment	
400		Request for reinstatement of term reduced	
1,120		Extension of term of patent	
OTHER FEE (specify)	(3) three additional soft copies - \$9)		9.00
<b>Subtotal (Additional Fees)</b>			<b>1,709.00</b>

**Total Amount of Payment: \$1,709.00**

Submitted by:

CUSTOMER NUMBER <b>32940</b>	DORSEY & WHITNEY LLP	555 California Street, Suite 1000 San Francisco, CA 94104-1513
Name: <b>Maria S. Swiatek, Esq.</b>	Phone No.: <b>650-494-8700</b>	Fax No.: <b>650-494-8771</b>
Signature:	Reg. No.: <b>37,244</b>	Date: <b>July 13 2005</b>